

**SOFTWARE INSTRUCTIONS**  
**for the**  
**OPERATING SOFTWARE**  
**for the**  
***Kodak X-Omat 180 LP/180 LPS PROCESSORS***  
**Service Codes: 3227, 3198**  
***Kodak X-Omat 270 RA/480 RA PROCESSORS***  
**Service Codes: 3059, 3228**  
***Kodak X-Omat 3000 RA INTEGRATED PROCESSORS***  
**Service Codes: 3488, 3466**  
***Kodak X-Omat 3000 RA/5000 RA PROCESSORS***  
**Service Codes: 3434, 3425**  
***Kodak X-Omat 460 RA PROCESSOR***  
**Service Code: 3056**  
***Kodak X-Omat 270 RA INTEGRATED PROCESSOR***  
**Service Code: 3059**  
**with the**  
**5000 BOARD**



**Important**

Qualified service personnel must install this software.



**HEALTH IMAGING**

**PLEASE NOTE**    The information contained herein is based on the experience and knowledge relating to the subject matter gained by Eastman Kodak Company prior to publication.

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 This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

Table of Contents

Description	Page
<a href="#">Requirements for Downloading the OPERATING SOFTWARE</a> .....	3
<a href="#">Connecting the INTERFACE CABLE</a> .....	3
<a href="#">Installing the New OPERATING SOFTWARE</a> .....	6

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## Requirements for Downloading the OPERATING SOFTWARE

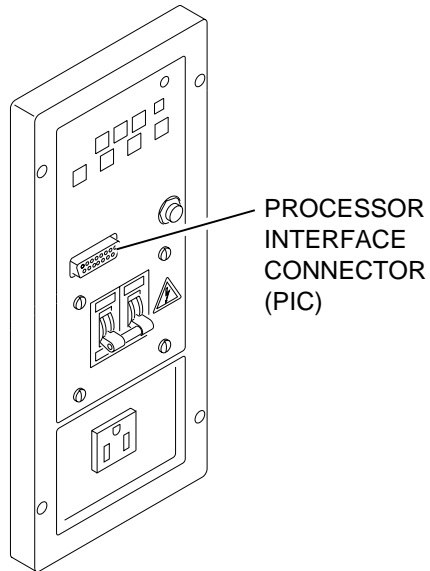
To download the OPERATING SOFTWARE, you must have:

- INTERFACE CABLE TL-4391
- *IBM* compatible LAPTOP COMPUTER with:
  - *Windows* 98 or higher operating system
  - CD DRIVE
  - SERIAL COMMUNICATION PORT set to COM1 - See the USER MANUAL for the LAPTOP COMPUTER.

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## Connecting the INTERFACE CABLE

H108\_0160ACA  
H108\_0160AA

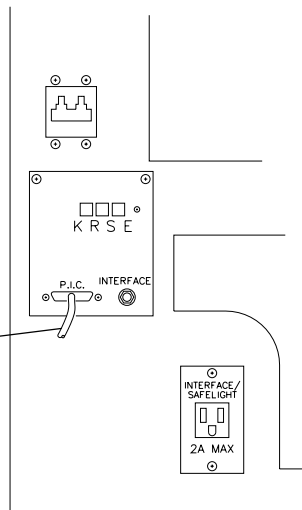


### Warning

Dangerous Voltage

**[1] Connect the INTERFACE CABLE:**

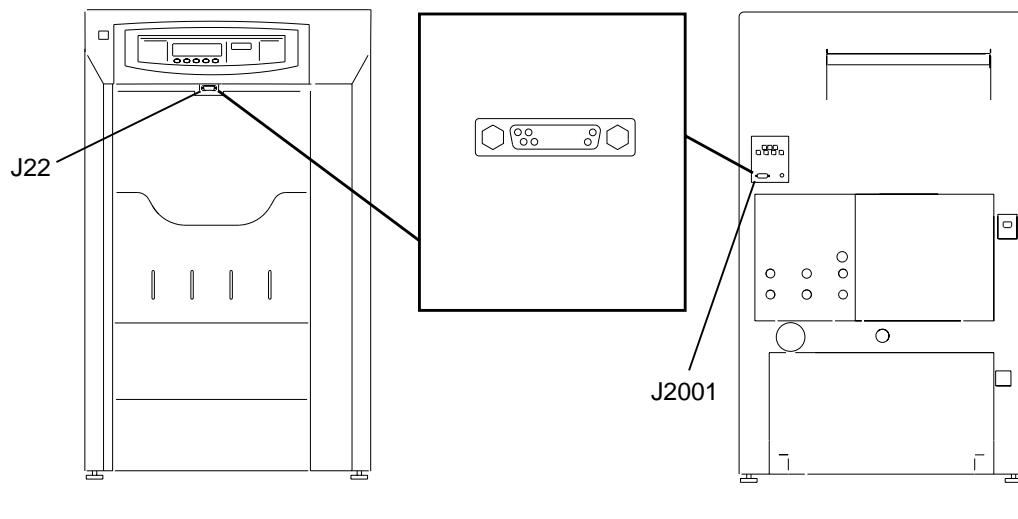
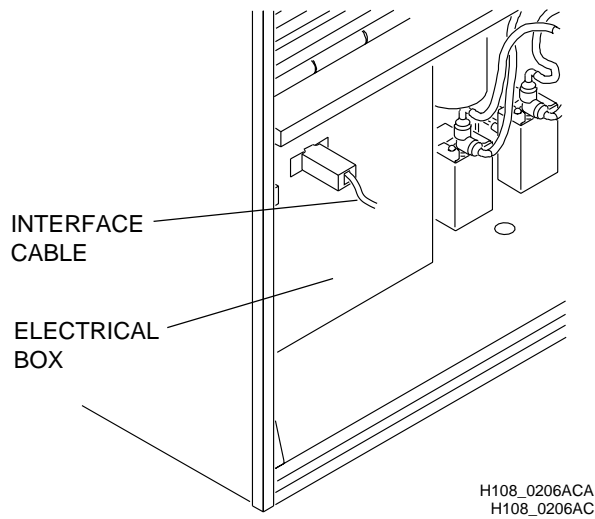
INTERFACE  
CABLE



H104\_0389ACA  
H104\_0389AA

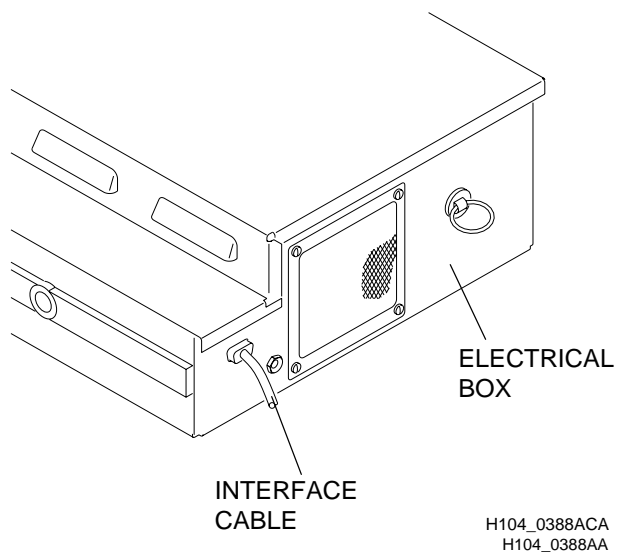
**[2]** On the 270 RA PROCESSOR and the 3000 RA PROCESSOR, connect the INTERFACE CABLE to the PROCESSOR INTERFACE CONNECT (PIC).

- [3]** On the 460 RA PROCESSOR and the 480 RA PROCESSOR, connect the INTERFACE CABLE to the ELECTRICAL BOX.

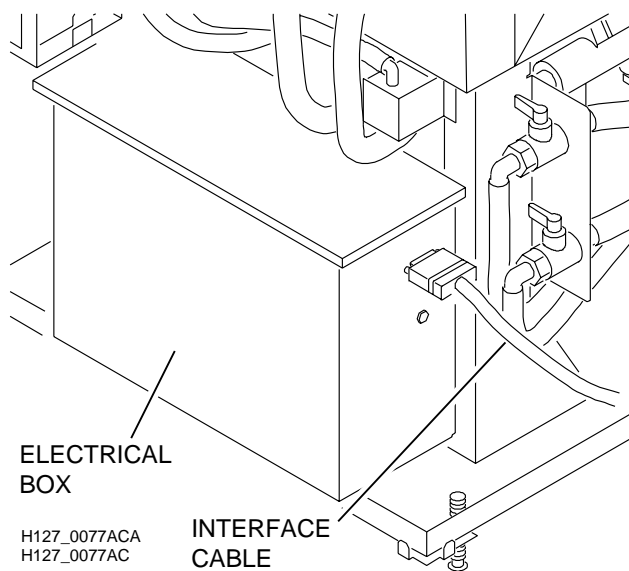


- [4]** On the 5000 RA PROCESSOR, connect the INTERFACE CABLE to either:

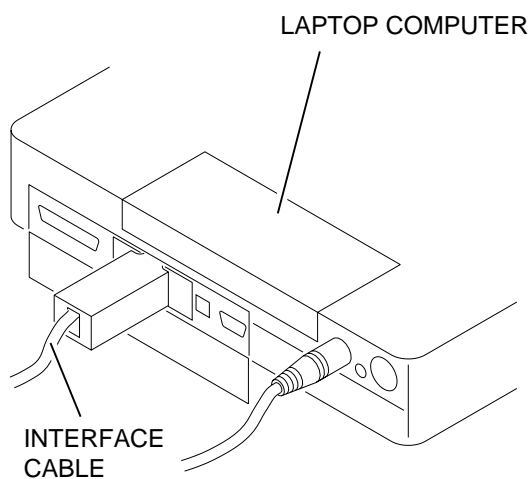
- J22
- J2001



- [5] On the 3000 RA INTEGRATED PROCESSOR and the 270 RA INTERGRATED PROCESSOR, connect the INTERFACE CABLE to the ELECTRICAL BOX.



- [6] On the 180 LP and 180 LPS PROCESSORS, connect the INTERFACE CABLE to the ELECTRICAL BOX.



- [7] Connect the INTERFACE CABLE to the LAPTOP COMPUTER.

H108\_0205ACB  
H108\_0205AA

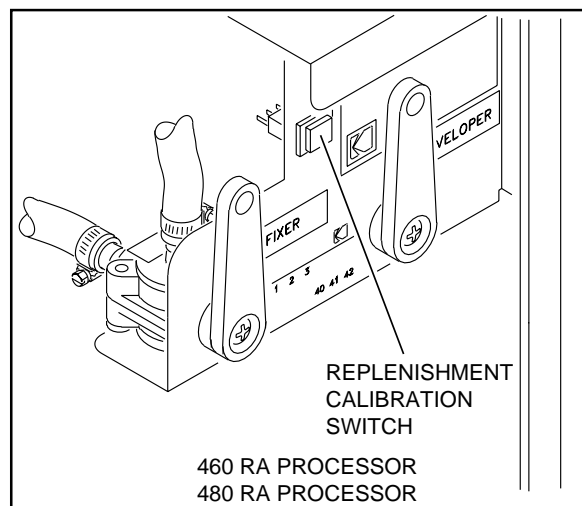
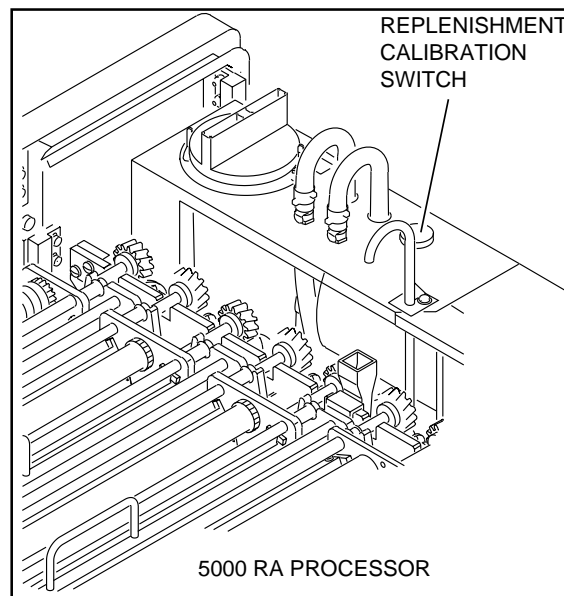
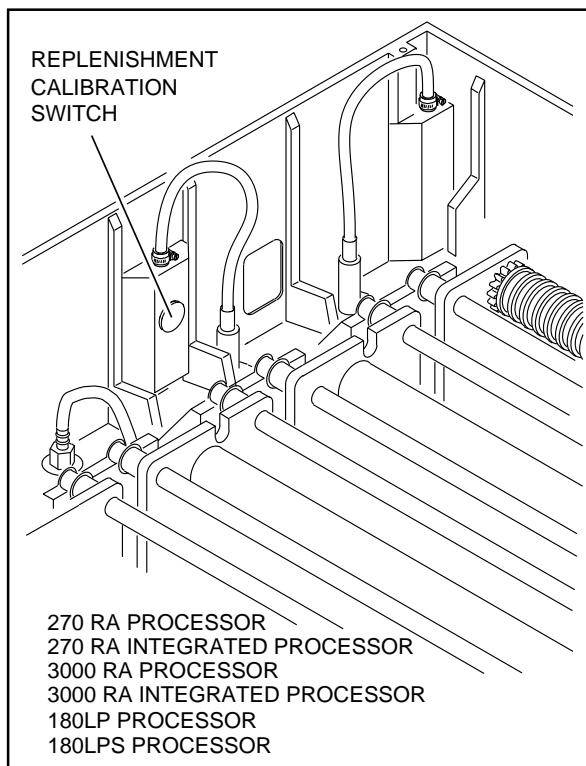
## Installing the New OPERATING SOFTWARE



### Warning

Dangerous Voltage

- [1] Energize the PROCESSOR and MULTILOADER or LASER PRINTER.
- [2] Allow the PROCESSOR to operate for a minimum of 20 seconds.
- [3] Energize the LAPTOP COMPUTER and allow it to initialize.
- [4] Record all of the PROCESSOR setpoint parameters (replenishment rates, temperatures, etc.)
- [5] De-energize the PROCESSOR and MULTILOADER or LASER PRINTER. For a MULTILOADER de-energize CB1 and CB2.



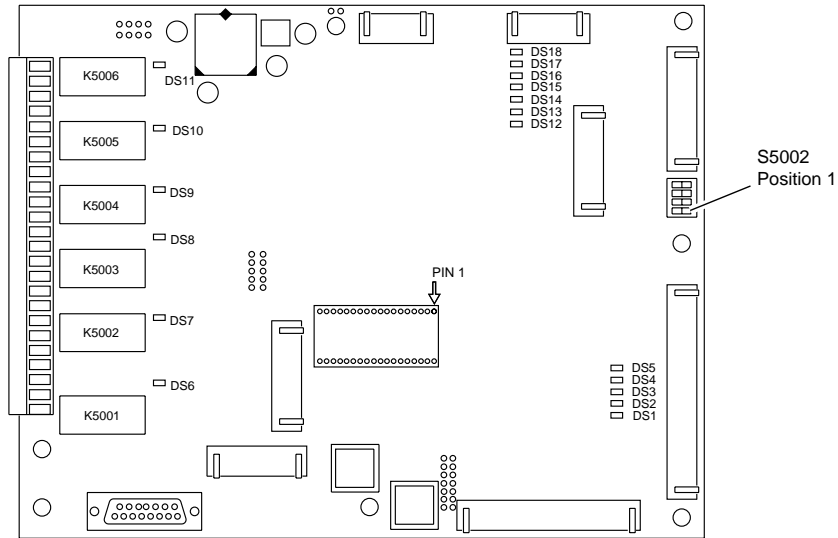
H104\_0603DCA  
H104\_0603DC



### Important

The MULTILOADER must be de-energized during the software download. (CB1 off). Energize CB2 (PROCESSOR) and use the **MAIN POWER SWITCH for the MULTILOADER, to control power to the PROCESSOR.**

- [6] Press and hold the REPLENISHMENT CALIBRATION SWITCH and then energize the PROCESSOR ONLY! (MAIN POWER SWITCH) and continue to press and hold the REPLENISHMENT CALIBRATION SWITCH for 10 seconds.



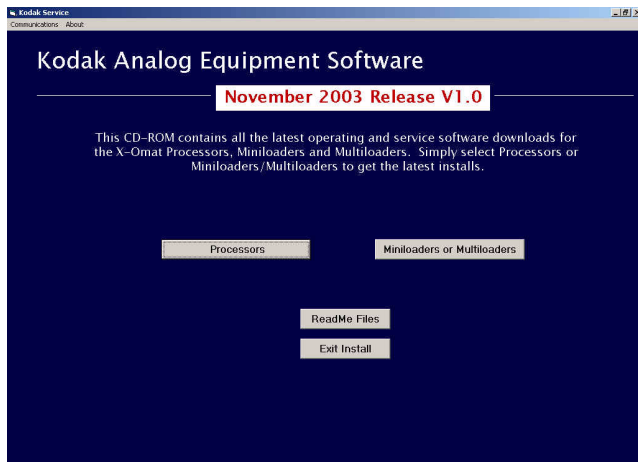
H150\_0238HCA  
H150\_0238HC



### Important

The original state of S5002 Position 1 on the 5000 BOARD is not important. The software recognizes a change in the state of S5002 position 1.

[8] Change the state of S5002 Position 1 on the 5000 BOARD.



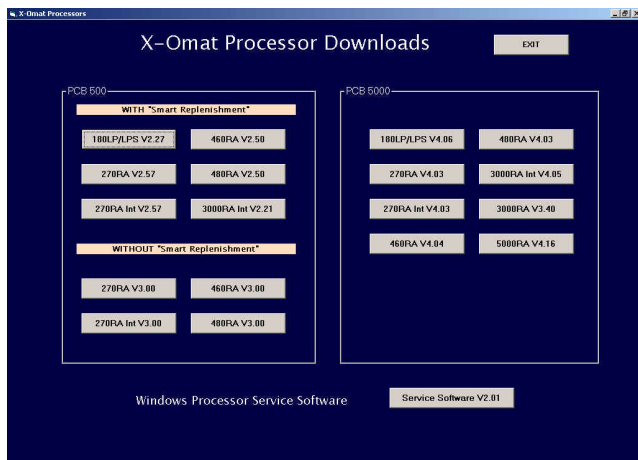
[9] Insert the SOFTWARE CD into the LAPTOP COMPUTER.



### Note

The software automatically launches.

[10] At the "Kodak Service" screen, click [Processors].



[11] Select the corresponding software for your equipment.



[12] Do the instructions on the screen.

[13] Wait for the LAPTOP COMPUTER to display "Software download has been completed successfully".



### Warning

Dangerous Voltage

[14] De-energize the PROCESSOR

[15] Energize the PROCESSOR.

**For a multiloader, keep CB2 energized and use the MAIN POWER SWITCH to energize and de-energize the processor.**

[16] If necessary, for the 3000 RA INTEGRATED PROCESSOR, if an error occurs on the *Kodak X-Omat* MULTILOADER 300 PLUS or on the *Kodak X-Omat* MULTILOADER 7000, press [Clear].

[17] Disconnect the INTERFACE CABLE from the PROCESSOR.

[18] Remove the SOFTWARE CD from the LAPTOP COMPUTER.

[19] Enter the parameters recorded in [Step 5](#) on [Page 6](#).

## Publication History

Publication Date	Publication No.	ECO No.	Changed Pages	File Name	Notes
20APR01	6E5135	---	All	6E5135.fm	New Publication
17MAY01	6E5135	---	Page 4	6E5135.fm	Revised
25JAN02	4E9709	2649-220	Pages 1, 4 - 6	4E9709.fm	Revised
16DEC02	4E9709	--	Pages 1, 3 - 6	4E9709.fm	Revised
30MAR04	4E9709	--	Pages 6 - 8	4E9709.fm	Revised

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